

20001005.qrp v01_n965.qrl.20001005

Date: Thu, 5 Oct 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1965

QRP-L Digest 1965

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- 1) [80733] [PROP] Rough conditions continue
by "Paul Harden, NA5N" <na5n@rt66.com>
- 2) [80734] NEQRP WQ1RP CW Net, Thursday 9 PM EDT, 3.561 MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 3) [80735]
by "Tom Whalen" <qrptom@hotmail.com>
- 4) [80736] A1 Tubing
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 5) [80737] Re: SMK-1 First Contact
by Chuck Adams <k7qo@primenet.com>
- 6) [80738] Re: Carrier on 30 meters
by Chuck Adams <k7qo@primenet.com>
- 7) [80739] Eradicating "signals" what ain't supposed to be there
by n4qa@juno.com
- 8) [80740] QRP Operation With the TS-820/520 (LONG)
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- 10) [80742] QST = Q-Street ?
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- 11) [80743] Re: QST = Q-Street ?
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- 12) [80744] Re: QST = Q-Street ?
by "George, W5YR" <w5yr@att.net>
- 13) [80745] Yaesu FT100 and QRPp ???
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- 14) [80746] N2CX - Wine,Wife and NORCAL weekend - long
by "Joe Everhart" <n2cx@voicenet.com>
- 15) [80747] K1 Afield, Part 2
by "Cam Hartford" <camqrp@cyberg8t.com>
- 16) [80748] QRP Power Settings
by "George, W5YR" <w5yr@att.net>
- 17) [80749] Re: QST = Q-Street ?
by "Larry Wise" <lewise@txwises.com>
- 18) [80750] Re: QRP Operation With the TS-820/520 (LONG)
by Ray Colbert <w5xe@juno.com>
- 19) [80751] Re: QST = Q-Street ?

- by "Chuck Carpenter" <w5usj@globeco.net>
- 20) [80752] Watts -- MFJ vs Daiwa & Welz
by "Chuck Carpenter" <w5usj@globeco.net>
- 21) [80753] Re: Flying Pigs Newsletter
by Jacques Brenkman <pa3evz@casema.net>
- 22) [80754] Re: QST = Q-Street ?
by M Goins <mgoins@usa.net>
- 23) [80755] RE: QST = Q-Street ?
by "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
- 24) [80756] wire antennas
by M Goins <mgoins@usa.net>
- 25) [80757] Sale or Swap
by "Francis Callahan" <colcal@srv.net>
- 26) [80758] Re: QST = Q-Street ?
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 27) [80759] 80/40m explorer
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 28) [80760] Re: QST = Q-Street ?
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [80761] Re: QST = Q-Street ?
by "John L. Sielke" <w2agn@pobox.com>
- 30) [80762] Alternate power sources for QRP/sterling
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 31) [80763] Re: QST = Q-Street ?
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 32) [80764] Wall warts for QRP rigs
by "Mike Yetsko" <myetsko@insydesw.com>
- 33) [80765] CONTEST: QRP Contest Calendar - Oct 7/8
by Ken Newman <N2CQ@citnet.com>
- 34) [80766] Re: wire antennas
by Ray Colbert <w5xe@juno.com>
- 35) [80767] Serial number?
by "Tom Dufresne" <tdufres@hotmail.com>
- 36) [80768] Infrequent FAQ Reminder....Re: Serial number?
by "Paul R. Valko" <prvalko@oakland.edu>
- 37) [80769] Re: Serial number?
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 38) [80770] Re: Infrequent FAQ Reminder....Re: Serial number?
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 39) [80771] Re: QST = Q-Street ?
by "Mike Branca" <w3irz@att.net>
- 40) [80772] Q-Street
by Bruce Muscolino <w6toy@erols.com>
- 41) [80773] Re: Alternate power sources for QRP/sterling
by Bruce Muscolino <w6toy@erols.com>
- 42) [80774] US/VE island adventures (Slate Gap)
by Jim Hale <kj5tf@yahoo.com>
- 43) [80775] RE: Q-Street

- by Arthur Laurent <ALaurent@npr.org>
- 44) [80776] RE: Info on C & D cells current capacity
by Vic Winton <Vic.Winton@trafford-press.com>
- 45) [80777] Re: Watts -- MFJ vs Daiwa & Welz
by "George, W5YR" <w5yr@att.net>
- 46) [80778] Re: wire antennas
by "George, W5YR" <w5yr@att.net>
- 47) [80779] Norcal TTF/WW Contest Results
by "John P. Cummins, Sr." <jpcummins@att.net>
- 48) [80780] Re: QST = Q-Street ?
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
- 49) [80781] Re: Q-Street
by Vance Huntsinger <vhuntsinger@iwiw.net>
- 50) [80782] 80/40 Explorer
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 51) [80783] Re: Yaesu FT100 and QRPp ???
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 52) [80784] MAJOR to SEVERE STORMING
by "Paul Harden, NA5N" <na5n@rt66.com>
- 53) [80785] QRPacificon: Pacificon is Coming Soon!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 54) [80786] QRPacificon: OOPS, forgot the dates.
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 55) [80787] RE: Q-Street
by "Carlos Caro" <cjcaro35@hotmail.com>
- 56) [80788] Re: MAJOR to SEVERE STORMING
by "Marshall Emm" <mgemm@mtechnologies.com>
- 57) [80789] Re: (no subject) Twinlead portable dipoles
by dave_epps@juno.com
- 58) [80790] New! OHR 100A for 15M -
by "Marshall Emm" <mgemm@mtechnologies.com>
- 59) [80791] Re: [Elecraft] hash with R/S 22-503
by "Richard E. Robinson" <rrobbins@email.uncc.edu>
- 60) [80792] need 50 watt 13.8 volt PA ideas
by Brien Pepperdine <pepperb@gov.on.ca>
- 61) [80793] Re: need 50 watt 13.8 volt PA ideas
by n2go@arrl.net
- 62) [80794] Pacificon: Prizes and Compenium
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 63) [80795] 17 Meter Transverter Lives
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 64) [80796] SMK Mobile: fait accompli
by N0BN@aol.com
- 65) [80797] Results of the OCTOBER SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 66) [80798] RE: QST = Q-Street ?
by "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>
- 67) [80799] Re: Infrequent FAQ Reminder....Re: Serial number?

by "Paul R. Valko" <prvalko@oakland.edu>
68) [80800] Re: need 50 watt 13.8 volt PA ideas
by winjones@ix.netcom.com
69) [80801] SG-2020
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
70) [80802] Fall QRPp
by Mike Gipe <mgipe@reliablemeters.com>
71) [80803] Re: Infrequent FAQ Reminder....Re: Serial number?
by John Wagner <john@neknetwork.com>
72) [80804] RE: SG-2020
by "Charles Mabbott" <crmabbott@mediaone.net>
73) [80805] Re: SMK Mobile: fait accompli
by "Karl F. Larsen" <k5di@zianet.com>
74) [80806] Re: Carrier on 30 meters
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
75) [80807]
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
76) [80808] Seattle PIXIE2 QSO please?
by "Bryan Lowe" <classics@classics.nu>
77) [80809] SG-2020 responses
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
78) [80810] Re: SG-2020
by Steve Yates <aa5tb@yahoo.com>

Date: Wed, 4 Oct 2000 17:50:00 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [80733] [PROP] Rough conditions continue
Message-ID: <Pine.SUN.4.10.10010041721400.22088-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Today (wednesday) is the second day of minor to major geomagnetic storming. Yesterday's storm produced a 24 hour average A-index of 37, and about the same today. Yesterday's activity was caused by a shock wave from a small flare/CME on saturday; it struck late afternoon, pumping particles into our polar regions enough to build up an aurora display starting early evening across Canada and the northern U.S.

Today's activity is a bit more obscure, being called a "magnetic cloud" (see below). The solar wind is fairly quiet (no shockwave component), but yet, the direction of the interplanetary magnetic field (IMF) swung southward again today, triggering today's geomagnetic storming. So for whatever reason, the IMF was flowing opposite to normal, which generates

large currents in OUR magnetic field for a magnetic storm ... AND provides the huge energies needed to fuel auroral activity.

So tonight, there could be more "northern lights" across Canada and the northern US, and in the southern hemisphere, models show possible aurora in the extreme southern part of Australia/NZ ... although daylight hours for them right now (2400Z).

The good news is since this is caused by a southward flowing IMF, it disturbs our magnetic field primarily on the side of the earth facing the sun, so conditions will subside quickly following local sundown. So 40M should improve by early-mid evening local.

I'm not a 6M freak, but 6M *has* to be open. Last night I was tuning around on my piece of junk \$69 TV from Radio Shack with only rabbit ears antenna. I barely get the Albuquerque TV stations on it (80+ miles away). Last night, while trying to find something to watch other than whats-his-name and whats-his-name debating, I could CLEARLY see ch.9 in El Paso and ch.10 in Silver City and a few UHF channels from who knows where (one was KYNM ch. 61 ... where's that?). Gee, TV DXing was kinda fun!

The moral of the above story is that's how the OLD hams monitored for those elusive 6M and 2M openings ... from watching normally dead TV channels. Unfortunately, with most of the country on cable or some satellite thing, that has become nearly a lost art! But live out in the middle of the New Mexico desert with only rabbit ears, and you will have plenty of dead channels to monitor -hi.

Anyway, expect rough conditions on the lower HF bands until mid-evening tonight in the US, with worse conditions persisting in Canada. Even though our magnetic field is quieting down, our friends in Canada/KL7 will have rough conditions the rest of tonight, due mostly to auroral activity (that is, electrical currents in near plasma form!) right on top of their heads. That will wiggle their S meters!

The solar flux is still relatively high, in the 180's, so the higher bands continue to support good skip propagation during daylight hours, and into dark for 15M and 20M.

72, Paul NA5N

On Wed, 4 Oct 2000, Space Environment Center wrote:

> IA. Analysis of Solar Active Regions and Activity from 03/2100Z
> to 04/2100Z: Solar activity was low.

> IB. Solar Activity Forecast: Solar activity is expected to be low
> to moderate.

> IIA. Geophysical Activity Summary 03/2100Z to 04/2100Z:
> The geomagnetic field was at quiet to minor storm levels with major
> storm conditions at high latitudes. Storming conditions are the
> result of the passage of a magnetic cloud. Data from the ACE
> spacecraft showed a smooth rotation of Bz to strong negative values
> starting at approximately 04/00Z; Bz remained negative for the rest
> of the day.

Basically saying the solar wind speed and density was normal. Bz is the direction of the IMF field, with negative the same as southward. A southward, or negative Bz, is one of the triggering mechanisms for auroral activity, even without arriving particles on the solar wind.

> IIB. Geophysical Activity Forecast: The geomagnetic field is
> expected to be at unsettled to minor storm levels for the first day

first day = thursday

> and quiet to unsettled for the following two days. Effects from the
> CME of 02 October are expected on day one of the forecast period.

Meaning tomorrow may see more geomagnetic storming, this time due to the arrival of a shockwave from mondays flare/CME. It was a small flare, so major storming is not expected. It will also likely be short lived.

> PCAF green

Normally during major geomagnetic storms, there is a Polar Cap Absorption event active, due to the particles from the shockwave being dumped into the polar regions. But since today's activity is due to merely the IMF field direction, the D-layer is normal above northern latitudes, and thus no PCA is occurring. However, the continued auroral activity will cause high noise levels, but this is not due to an absorption event, just gobs of noise from all those energetic electrons turning to photons.

> IV. Penticton 10.7 cm Flux
> Observed 04 Oct 184
> Predicted 05 Oct-07 Oct 180/180/170
> 90 Day Mean 04 Oct 184

> V. Geomagnetic A Indices
> Observed Afr/Ap 03 Oct 019/037
> Estimated Afr/Ap 04 Oct 030/035
> Predicted Afr/Ap 05 Oct-07 Oct 025/025-012/012-008/010

Date: Wed, 04 Oct 2000 20:43:03 -0400
From: "C. J. Ludinsky" <cjl@mitre.org>
To: NEQRP@jona1.net, QRP-L@lehigh.edu
Subject: [80734] NEQRP WQ1RP CW Net, Thursday 9 PM EDT, 3.561 MHz
Message-ID: <39DBCE97.9402F0B3@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 5 October 2000 at 9:00 PM EDT (0100Z, 6 Oct 00) on 80M on or around 3.561 MHz. Net control operator will be Dennis, K1LGQ, working out of Brookline, NH. Dennis will be assisted by Diane, K1LQ.

Please stop by and say hello to Dennis, Diane, and the rest of the net. Ask Dennis about the NEQRP Club coffee mugs that he and Diane expect to have on sale at the HossTrader's flea market up in Rochester, NH, this weekend.

Last week's net, hosted by Jim, W1PID was one of the largest yet, with 20 folks checking in from all over the Northeast, the South, as well as Ohio and Michigan. Thanks to all. Jim's comments: "Yikes. What a net. 1 1/4 hrs. 20 checkins -- who's tired?"

72 DE K1CL,
Chuck.

Date: Wed, 04 Oct 2000 18:50:37 MDT
From: "Tom Whalen" <qrpptom@hotmail.com>
To: qrp-l@lehigh.EDU
Cc: k8te@arrl.net
Message-ID: <F61sMm7APwVXqq2GYap0000e6c4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

This is a test of my email. Do not read pse!

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Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Wed, 4 Oct 2000 19:58:22 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <ae5x@juno.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [80736] A1 Tubing
Message-ID: <002101c02e67\$5c1b5c20\$5ac07481@rohredt2000>

John,
Texas Towers sells beam tubing. See their web site.

72,
Stuart K5KVH

Date: Wed, 04 Oct 2000 18:34:55 +0100
From: Chuck Adams <k7qo@primenet.com>
To: glennmaclean@ix.netcom.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80737] Re: SMK-1 First Contact
Message-ID: <4.3.2.7.0.20001004182544.00aa7ef0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:15 PM 10/3/00 -0700, Glenn Maclean wrote:
>..SNIP...

>I gave him a call. Well to my surprise he came right back to me. It made
>my night to have
>Chuck in the log as my first SMK-1 contact. Chuck was using his new home
>brew rig which
>sounded great.

>
>I am looking forward to the SMK-1 QSO party Friday night at Pacificon. Now I
>need to get my QSL cards made up. I would like to encourage anyone else out
>there with a SMK-1 kit to give it a try. It is a fun little rig. If you have
>one bring it Pacificon Friday night. Thanks again Chuck.

>
>Glenn WA7SPY
>Sacramento, CA

Glenn et.al.,

Good to work Glenn again. Worked him when I was the fox on 20meters.

All of you building the little SMK-1's should put them on the air as much as possible from now until Pacificon. Two reasons: it will get you acclimated to the rig and you'll be an expert on yours when it comes to the SMK-1 QSO party at Pacificon. And, the little rigs do work on the air with outside antennas. I have worked several now and will be on as much as possible between now and then each night. Sometimes, due to storms moving through the area the last few nights I may miss getting on as my antenna is so good at lightning detection it is scary. :-)

Ooops. Third reason to get them on the air. You will have time to pack for the trip and not have to worry if you left the soldering iron plugged in while in route or on a plane over KS....

I'll be listening for the weak ones. Also this weekend Ed Hare, W1RF, will be on from Phoenix, AZ with his famous Tuna Tin II. Probably has the world record now for a rig being operated from hamfests (non-commercial division)....

As the fall season progresses and winter comes on pretty quick it is time to dust off the trusty 40 meter QRP rigs and put them on the air. He/She who does not operate is missing some fun times and adventures. Who knows who will be on the other end of the QSO?

Again, Glenn glad to be of service and the little rig sounds super.

dit dit

Chuck Adams, K7QO Prescott, AZ

Date: Wed, 04 Oct 2000 18:47:44 +0100
From: Chuck Adams <k7qo@primenet.com>
To: baltimoremd@baltimoremd.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80738] Re: Carrier on 30 meters
Message-ID: <4.3.2.7.0.20001004184233.00ac8650@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:18 AM 10/4/00 -0400, baltimoremd@baltimoremd.com wrote:

>Most days I hear a carrier on 10.109 or thereabouts...I don't think it's a
>birdie in the K2.

>

>Does anyone else hear it? Any idea of the source? If it's really not
>local noise or a birdies...it seems that 30 meters is open(to somewhere) a
>lot...and it could use more qrp qso's.

>

>..SNIP..

>73

>Thom

The carrier on 30 meters at 10.109MHz is a commercial station. Usually some digital mode when data is being sent. I hear it quite frequently at all hours of the day and night depending upon propagation. When it is idle they leave the carrier on for some time. I think it's a two-way link and the receiving station detects when propagation is good between the two points (unknown on both ends) and starts an exchange that seems to be automated.

I think in the past someone posted that the 10.109MHz station is located in Europe.

There is another around 10.106MHz and part of the reason for past recommendations that we use 10.116MHz for QRP work. It's high enough in the CW band to keep away from the QRO DX chasers, etc. and away from the digital people higher up.....

FYI

Chuck Adams, K7QO Prescott, AZ

Date: Wed, 4 Oct 2000 22:06:10 -0400

From: n4qa@juno.com

To: qrp-1@Lehigh.EDU

Subject: [80739] Eradicating "signals" what ain't supposed to be there

Message-ID: <20001004.220613.-85675.0.n4qa@juno.com>

MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Howdy !

Probably nothing to do with your particular "unknown carrier" but:
Last year, had to remove power from a VCR which was QRMing me on 15
meters... all the way out to the mobile in the driveway!
Just recently, we sent an RCA TV off to college with Katie, our youngest,
because the thang emitted an awful drifting "hash" around 7040 kHz...
even when it was "off" ! I put up with that thang since Christmas, 1999 !
The Wife was happy to get a new Trinitron in the living room.
The vfo in my HW-7 radiates a really good signal for about a quarter-mile
!

I now use the R/S DX-390 rcvr as a portable rf sniffer anytime a
suspicious "signal" shows up.
Of course, there's little that we can do when the errant wave comes from
beyond...

73-1,

Bill, N4QA

ps

We're expecting, again (blush)

Twins, even.

DSW-30 & DSW-20 :)

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 04 Oct 2000 21:34:53 -0500

From: Lew Paceley <lew@paceley.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [80740] QRP Operation With the TS-820/520 (LONG)

Message-ID: <00ac01c02e74\$d7e70720\$0332a8c0@roland.swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

I've been sending this information out privately in various forms for a few
months now. Ray, W5XE, suggested I post it to the list for future
reference. Hopefully we can recruit a few new QRPers with the information,
even if they are using "classic" (ahem) gear like mine.

72/73,

Lew

N5ZE

QRP Operation With the TS-820/520

QRP became a serious dilemma for me this past February. I own a solid-state/hollow-state hybrid TS-820S but had been bitten by the QRP bug. I wanted to find the easiest way to reduce the power of my massive tube amplified beast to run QRP. Fortunately, there's a really easy solution (described below) which requires but a single simple adjustment to drop the CW output power. While I don't own a TS-520, it's such a close cousin to the TS-820 that the process should be nearly identical.

For QRP operation the transmitter PA (the 6146Bs) will operate very inefficiently. So don't expect a smaller electric bill :-). Some may wonder: will it hurt my rig? Not that I've been able to observe and in fact, I follow the same procedure that Kenwood recommends for reducing the power for the "old Novice" licensees who had to keep their power below 75 watts (input). (see section 4.23, "Novice Operation", on page 23 of the Kenwood TS820S operating manual). At 5 watts output those finals might outlast you and me :-).

For completeness, I should say that it's necessary to have a wattmeter inline with the dummy load/antenna. The wattmeter must be capable of accurately reading QRP power levels. Many wattmeters have a "low range" which can read power levels down to 5 watts. Don't depend on the internal RF meter - it's uncalibrated.

So finally...here's the steps:

- 1) Tune normally for max power
- 2) Turn the carrier control left/counterclockwise while key down until the wattmeter shows 5 watts output.
- 3) Have QRP fun!

That's it folks...really. No surgery required. The one significant limitation of this procedure is that everything downstream of the transceiver such as antenna tuners, feedlines, etc. must be able to handle the 100W+/- QRO power of the transceiver.

My tuning process in detail:

0) Dummy load selected.

1) Mode: Tune, Meter: ALC

Flip SEND and peak the drive control for max ALC reading. If ALC reading is too low, adjust carrier control clockwise to bring the meter reading to the top of the ALC range indicated on the meter. SEND off.

2) Mode: Tune, Meter: IP.

Flip SEND and dip the plate reading. SEND off.

3) Mode: CW, Vox on, Meter: RF. Key down. Alternately increase the load control and adjust the plate control for maximum RF output. Key up.

4) Switch to antenna. Move to a clear frequency. Listen for a minute to

ensure you don't accidentally QRM someone. QUICKLY, key down and tweak plate and load settings for max RF on the real antenna. Key up.
5) QUICKLY, key down and, while watching wattmeter, rotate the carrier control left/counterclockwise to drop output power to 5 watts or less. Key up.
6) Have QRP fun!!

Be aware that the carrier control operates rather non-linearly at the lower portion of its range. That is, the output power drops off quickly for a relatively small motion of the carrier control knob. Use a soft touch.

Date: Wed, 04 Oct 2000 19:48:37 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80741] Antenna Modeling Session
Message-ID: <39DBEC05.4FB97007@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe this is a bit self-serving, but I will be presenting an antenna modeling session at the ARRL SW Division Convention, this weekend, in Scottsdale, Arizona. It will be in the first round of sessions at 8:00 AM, and I hope that I am not the only person in the presentation room at that time! The presentation utilizes Windows Power Point and EZNEC 3.0. People have actually clapped when I've finished similar presentations in the past - hmmm?

Even though the subject isn't exactly QRP, we all know how vital the antenna is to our station's performance. And modeling is a great way to help you evaluate your current sky hook, or plan the next one.

So if you are planning on making the convention, please pop into the room and provide me with some moral support. If not, I hope to see some of the scQRP's, or meet some of the other QRP folks milling about.

Thanks for the BW, Thomas - AC7A (Tucson)

Date: Wed, 04 Oct 2000 22:58:58 EDT
From: Kevin L Anderson <k9iua@juno.com>
To: qrp-l@lehigh.edu

Subject: [80742] QST = Q-Street ?

Message-ID: <20001004.215248.5367.1.K9IUA@juno.com>

Please reply off-line, as this is likely off-topic for QRP-L, but I figure you folks will know (and it was just referenced in the latest QRP-L digest I received).

I finally made the connection this last summer that what a friend was calling "Q-Street" was really referencing ARRL's QST magazine. "Dah. Hello?" (And here I was looking for another rag, something like the Yellow Pages.)

When was QST first called Q-Street?
Is that a common reference?
(Okay, I admit, I'm not a ham radio OF.)

Reply off line please.

Cheers/73. Kevin, K9IUA, North Dakota

Millenium DXCC Watch: Now 77, with the additions of Namibia, El Salvador, and Portugal.

Kevin Anderson, K9IUA, Lincoln/Bismarck ND
e-mail: K9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 4 Oct 2000 23:07:25 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Kevin L Anderson <k9iua@juno.com>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [80743] Re: QST = Q-Street ?
Message-ID: <Pine.0SF.4.21.0010042305120.21138-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've been a ham for 24 years and I recall someone saying Q-STREET when they were selling a bunch of old QSTs at a swap before my license even came in the mail.

It's probably a really old saying.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 04 Oct 2000 22:16:08 -0500
From: "George, W5YR" <w5yr@att.net>
To: k9iua@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80744] Re: QST = Q-Street ?
Message-ID: <39DBF278.4CFE1E23@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ever since I can remember . . .

72/73, George W5YR - the Yellow Rose of Texas NETXQRP

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Kevin L Anderson wrote:

> When was QST first called Q-Street?
> Is that a common reference?
> (Okay, I admit, I'm not a ham radio OF.)

Date: Wed, 4 Oct 2000 23:21:57 -0500
From: Levent Sasmazel <levent@netlabs.net>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [80745] Yaesu FT100 and QRPp ???

Message-ID: <01C02E59.E49BD9C0.levent@netlabs.net>

Hi Again,

Is any one have any experience with Yaesu FT100 in the QRP world ? Is output power adjustable as low as 3-5 watt ? Both on CW and SSB? Thanks for the info.

73 Levent KC2CNY

Date: Wed, 4 Oct 2000 23:06:13 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "qrp1" <qrp-1@lehigh.edu>
Cc: "njqrp" <njqrp@njqrp.org>
Subject: [80746] N2CX - Wine,Wife and NORCAL weekend - long
Message-ID: <001f01c02e7b\$35a16a80\$565647d1@JoeEverhart>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

Whew, some weekends are for rest and relaxation and others are not...

By some good fortune my wife and I were able to fly out to the left coast on a special

deal from America West. And best of all it was NORCAL meeting time!

On Saturday James and Kathy Bennett our NJQRP west representatives treated us

to a super evening at their home. Their great hospitality was highlighted by an outstanding

meal featuring animal aerial acts (ask me some time), a superb barbecue, some of

California's best vine products and some enjoyable conversation. They say they are

moving to a new house for more room. I think that they are trying to escape the dreaded

"tomato plant that ate Santa Clara!"

Sunday's obligatory swapmeet was a welcome chance to buy too many parts and goodies

to take back home - had to buy a backpack 'cuz the suitcase was too full. About 10

nanoseconds after arriving, Mike Gipe's voice rang out with "There he is" followed by

Doug Hendrick's exclamation of "What a surprise!" Check out the NJQRP web page in

a day for two for a photo of what Doug "checks out" at swapmeets...

The NORCAL meeting was just like every other one - outstanding. Some "left-coasters"

an early peek at the soon-to-be-available NJQRP 80 meter PSK-31 rig and reduced-

size 80 meter Squirt antenna. And I got to see the exciting new Tayloe Mini-Singer schematic

and discuss Mike Gipe's upcoming new creation. NORCAL really knows how to get the

QRP blood pumping.

It was a real pleasure to see everyone's handiwork and to chat with the gang that I usually

visit only via a keyboard or keyer. And on leaving, Vern Wright lent me one of his neat

new MP-1 portable antennas. Wouldn't you know I decided against bringing a portable

rig on this trip? You can be sure that it will be put thru it's paces in the next couple of

weeks and I'll share the results with you all.

The next couple of days were shared with my wife Fran. We explored Fisherman's Wharf,

Muir Woods and the NAPA Valley. All quite enjoyable except for the traffic. I'd been

thinking that the Bay area was a great place to live until we got trapped in hours of

bumper-to-bumper exhaust fume laden freeway adventures. Fortunately the Hertz

Neverlost(tm) in our rental car was able to cope with some off-freeway excursions to,

well, keep us from getting lost!

Thanks to all of my west coast friends for making the visit a fun one. The whole

airplane ride back to the Delaware Valley from Silicon Valley was filled with

daydreaming about how to get back to QRP Nirvana at the earliest opportunity.

72/73,

Joe E., N2CX

Date: Wed, 4 Oct 2000 20:28:49 -0700
From: "Cam Hartford" <camqrp@cyberg8t.com>
To: <qrp-l@lehigh.edu>
Subject: [80747] K1 Afield, Part 2
Message-ID: <001601c02e7c\$a148d060\$8747cbd1@camqrp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In K1 Afield, Part , I rambled on at length about taking the K1 out for a test drive during QRP Afield. One thing I neglected to mention was the KTS-1 Tilt Stand. It definitely shouldn't be overlooked.

It appears that Wayne/ Eric/ Et al did some serious noodling about the Tilt Stand before commencing production. The purpose of this little gadget is to make the K1 into a Trail Friendly Radio.

As you all will remember, the Trail Friendly concept was popularized in a competition run by the Adventure Radio Society, the purpose of which was to find out how guys were making their radios easier to use while out in the wilds. For many, the conventional table-top, controls-on-the-front-of-the-box design wasn't especially useful while seated on a log or the ground. Or lying in a sleeping bag, for that matter.

Hence the KTS-1 Wide Range Tilt Stand. With it you can adjust the radio to just about any angle for optimum viewing/controlling convenience. Sit on the ground, lean back against a log and set the radio in its stand beside you, and tilt it up so that you're looking it right in the face.

But first you have to assemble it. Open the bag, and out tumble 28 pieces. 28 pieces? Yikes, I thought, how can a simple stand need 28 pieces? And how can a person go about assembling all those pieces "on the trail" without scattering a few here and there, never to be seen again?

Never fear, 2 of the pieces are spares. So we only have 26 pieces to deal with. Whew!

Luckily, half of the bits are rubber feet and their mounting hardware, which

get screwed onto the base permanently. This part can be done in the the comfort and safety of your own home. After that, it's a breeze. You have the two mounting arms, a couple thumbscrews each to hold the arms to the base, and thumbscrews to hold the radio to the arms. A picture here would be worth a couple thousand of my words, so go to the Elecraft website to check it out visually.

The K1 has threaded PEM nuts on it's side panels and attaches to the arms with a couple thumbscrews, just like your old 2 meter mobile radio. The kit also includes some washers to mount between the arms and the radio sides so you can maintain that just-new-out-of-the-box look.

With the K1 mounted in the stand, you can set its tilt angle to whatever suits your needs. During QRP Afield we had a Boy Scout troop a couple of campsites away, and found that with the front of the K1 tilted downward a little, the top-mounted speaker shot towards us, rather than towards the birds. Made it easier to hear those puny QRP signals.

The Tilt Stand comes with two sets of arms, the long ones for field use, and a shorter set for desktop use. We liked the short arms because they acted more like a tilt bail (or that odd little center leg under the front of the QRP+). Fred, K6MDJ decided that if he had a K1, he'd keep it in the Tilt Stand all the time since it makes it easier to use on the desktop. Fred is now busily engaged scrounging up the money for his own K1...

So, how do you keep the base, arms and associated thumbscrews from going all over the place as you hike to your destination? Easy. The base has extra threaded holes drilled in the right places so all of the parts can screw together in one flat little package. Rather neat and tidy.

As we were shuffling radios, keyer paddles and tilt stands around the table, looking for new configurations, Fred made the observation that the base might make a good place to mount a set of keyer paddles. And indeed, it does. I drilled four holes in the base and now my Galbreath paddles are mounted front and center. The weight of the base with the radio installed is quite sufficient to hold the paddles still, even during the most exuberant brass pounding.

All in all, a pretty clever little device. When's the next Afield contest?

72/73,

Cam N6GA

Date: Wed, 04 Oct 2000 22:29:20 -0500
From: "George, W5YR" <w5yr@att.net>
To: qrp-l@lehigh.edu
Subject: [80748] QRP Power Settings
Message-ID: <39DBF590.24CABBA4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There seems to be a lot of interest and posting lately about QRP power settings with commercial QRO rigs.

I was pleased to find that the Icom IC-756 PRO turns down to 2 watts with the front panel power control. As far as I can tell, the keying and signal quality are unaltered with the reduced power.

The other Icoms in the shack - 765 and 730 - only turn down to about 5 watts. Looks like Icom has finally caught on! The Kachina 505DSP runs right down to 1 watt to within a fraction of a db.

--
72/73, George W5YR - the Yellow Rose of Texas NETXQRP

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Date: Thu, 05 Oct 2000 04:20:35 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [80749] Re: QST = Q-Street ?
Message-ID: <200010050417.XAA98188@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I must have lived a sheltered life during my ham career...

Have never heard the term....

Larry KA5T
Georgetown Texas

Date: Wed, 04 Oct 2000 22:30:23 -0600
From: Ray Colbert <w5xe@juno.com>
To: lew@paceley.com
Subject: [80750] Re: QRP Operation With the TS-820/520 (LONG)
Message-ID: <39DC03DF.88C55800@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Lew - info is greatly appreciated.

73
Ray
--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 05 Oct 2000 05:23:49 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: k9iua@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80751] Re: QST = Q-Street ?
Message-ID: <3.0.2.32.20001005052349.006c9be8@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Licenced since 1955 and never heard QST called Q-Street.

But then, I don't get out much either 8^)...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Thu, 05 Oct 2000 05:57:28 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [80752] Watts -- MFJ vs Daiwa & Welz
Message-ID: <3.0.2.32.20001005055728.006c95fc@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wanted to check my FT-847 for low power to see how it compared with other QRO rig info seen here recently.

Into a Welz dummy load, the FT-847 shows 2.2 W at minimum power setting with both the Daiwa and Welz power meters. The Welz has a 2.5 W scale.

With the MFJ power meter on the 969 antenna coupler, the minimum power is about 750 mW. Not too good in the accuracy dept. I'd say.

W5USJ, one of the NETXQRP group...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Thu, 05 Oct 2000 13:56:43 +0200
From: Jacques Brenkman <pa3evz@casema.net>
To: qrp-1@Lehigh.EDU
Subject: [80753] Re: Flying Pigs Newsletter
Message-ID: <3.0.5.32.20001005135643.00e48dd0@pop.casema.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is GREAT!!

73, Jacques
PA3EVZ

At 17:12 4-10-00 EDT, you wrote:

>The October issue of the Flying Pigs QRP Club's newsletter Bacon Bits, is now on-line at:

><http://www.mpna.com/fpqrp/news.html>

>

>Enjoy es 72, oo

>Dan, N8IE

>FPqrp #-6

>
>
>
>

Date: 5 Oct 00 07:00:20 EST
From: M Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [80754] Re: QST = Q-Street ?
Message-ID: <20001005120020.11671.qmail@aw162.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Same here - 24 years with a ticket (QCWA in January) and I've not once ever
heard this statement.

mike
wb5yjx
K2#621, qrp1 2130, qrp1arci 3922, SOC 54

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Thu, 5 Oct 2000 08:06:31 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@hboc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80755] RE: QST = Q-Street ?
Message-ID: <95CB658F8515D211B84B00805FA72866033243B0@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

It has to be a "New Age" thing. Never here since 1950

Jerry
W3CDE

-----Original Message-----
From: Chuck Carpenter [mailto:w5usj@globeco.net]
Sent: Thursday, October 05, 2000 6:24 AM
To: Low Power Amateur Radio Discussion

Subject: Re: QST = Q-Street ?

Licenced since 1955 and never heard QST called Q-Street.

But then, I don't get out much either 8^)...

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: 5 Oct 00 07:10:06 EST
From: M Goins <mgoins@usa.net>
To: qrp-1@LeHIGH.EDU
Subject: [80756] wire antennas
Message-ID: <20001005121006.8809.qmail@aw163.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Can't seem to find much on Sterba Curtains, Six Shooter arrays, and other=
high
gain wire antennas, either on the Internet or in the old Orr handbook. An=
yone
know of a source of information on wire arrays?

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Thu, 5 Oct 2000 06:23:59 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [80757] Sale or Swap
Message-ID: <000501c02ec7\$24952e60\$31de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Would like to swap my Icom 735 for a SCG 2020 or sell outright, also have for

sale MFJ 971 tunner like new. \$75.00 also have a QRP+ with mike for \$400.00
all prices include shipping and insurance in lower US. Please reply off line
to colcal@srv.net or 208 357 7431. Thanks 72 KF7ET

Date: Thu, 5 Oct 2000 12:26:37 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <mgoins@usa.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80758] Re: QST = Q-Street ?
Message-ID: <002c01c02ebf\$22de5040\$89fa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thot the guy said "reply OFF LINE"
de Steve, W8SFF

Date: Thu, 5 Oct 2000 08:46:15 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [80759] 80/40m explorer
Message-ID: <v03110704b60227922e87@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I found an unused explorer board in my treasure box. It was given
to me by KA8ZYP and I forgot all about it. Numbers on the board are:

80/40M Explorer (or does that say "30/40"?)
By FAR

8/92

Is there a schematic and/or parts placement diagram on the web
somewhere?

NS80

Date: Thu, 5 Oct 2000 06:59:59 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Kevin L Anderson <k9iua@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80760] Re: QST = Q-Street ?
Message-ID: <Pine.LNX.4.10.10010050657551.828-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 4 Oct 2000, Kevin L Anderson wrote:

> Please reply off-line, as this is likely
> off-topic for QRP-L, but I figure you folks will
> know (and it was just referenced in the
> latest QRP-L digest I received).

It just hit me that if you seporate QST into Q ST and then change
case you get Q St. So Q Street makes a lot of sense, kinda...:-)

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 05 Oct 2000 09:02:15 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: M Goins <mgoins@usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80761] Re: QST = Q-Street ?
Message-ID: <XFMail.001005085912.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

How about 42 years...still never heard it, but then, there are a lot of
expressions today I never heard before.

On 01-Jan-70 M Goins wrote:

> Same here - 24 years with a ticket (QCWA in January) and I've not once ever
> heard this statement.

/\ /\ /\ /\ /\ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN <http://www.qsl.net/w2agn>
//_/_/_/_ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
fpQRP #121 SOC #390 Elecraft K2 #00023

Date: Thu, 5 Oct 2000 09:22:18 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: jstreet@venus.uwaterloo.ca, qrp-l@Lehigh.EDU
Subject: [80762] Alternate power sources for QRP/sterling
Message-ID: <v03110707b6022f810cc4@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I remember hearing about a generator that was commercially available which
>was powered by a stirling engine. For those who don't know what this
>is, it is somewhat similar to a steam engine but instead of steam is
>uses just the thermal expansion of air to move the piston. When it was
>originally proposed it was not practical however modern materials allow
>for the high temperature seals to be practical. Any source of
>sufficient heat will produce electricity. You simply place one end on
>the device into the fire pit or under a large fresnel lens, nuclear
>thermopile or what have you, and presto electricity comes out the other
>end. Convenient and perfect for would be mountain men! Perhaps a small
>version is available which would be cool for radio power. Or should I
>say hot?
>
>vxo

Hi Joe,

Philips came out with a 200watt sterling/gen combo years ago...
there are still some around, you can mostly catch them at "Hotair Engine"
shows. Also take a search of the page:

<http://www.geocities.com/CapeCanaveral/Launchpad/5465/>

This has a quite a few links to sterling engines.

I think this is a great topic especially for QRPers who like to
take to the field. Sterlings are very quiet in operation and a campfire
would probably provide all the heat you need to run one. Yes efficiencys
are low, but if you only need 10 to 20 watts of power to charge batteries,
etc. and you have a campfire going anyway, who cares?

Erikson-Rider (Spelling?) made a 1/4 hp sterling as a water pump
that wasn't much bigger than a person that included a stove built in!

I'm building a model sterling engine in my shop at home and hope to have it running soon. Let us know what you come up with!

NS80

Date: Thu, 5 Oct 2000 07:01:29 -0700
From: "Mont Pierce" <MyGrapeVine@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80763] Re: QST = Q-Street ?
Message-ID: <003401c02ed4\$c29d3140\$27010101@RTA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Likely this is only ever used by people who "don't have a clue" about Q-Signals. hi hi

km6wt

Date: Thu, 5 Oct 2000 10:07:23 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80764] Wall warts for QRP rigs
Message-ID: <003c01c02ed5\$9c42a920\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This started as 'alternative' power sources for QRP, but I think it sorta branched. So I changed the subject to match the branch.

Wall warts are something a lot of people don't really understand.

Most of the wall warts are NOT regulated power supplies. In fact, some aren't even filtered at all. While a unit that says 'AC' on it can be pretty explicit, a unit that says 9vdc for example may in fact be designed to CHARGE a pack that is 9vdc. The wart may actually

be nothing more than a transformer and a diode. And outputting 1/2 wave pulsed DC. And it's peak voltage could be VERY high compared to what it is rated at when under 'no load' conditions.

Then there are the 'DC' wall warts that actually do have decent bridges in them. Or maybe not. At least they have a filter cap! But the only way you'll ever see smooth DC on the output is if you draw microamps! There's nothing wrong with these things. It's just that they were designed for an application that is not compatible with what you're trying to use it for.

The next 'grade' of wall wart is the unit that has a 'regulated' output. But again, for what? Some have 'selectable' output voltages, and generally you can find some do regulate, but not well. Especially when they list max currents of fractions of an amp. Although there ARE some good units in this class. And places like Radio Shack now seem to feel they need to actually SAY what the wall warts do, which is VERY welcome and refreshing! If you have ANY hope of powering a rig from one of these, make sure you get the ones that say both 'filtered' and 'regulated'. You might be able to use the non-regulated as a trickle charger for a gell cell for example, but you'd have to try and see how well it is filtered for your application.

Finally, there are the wall warts that are small switching power supplies in a plastic block with AC plug molded in. Some of these can be QUITE good! I have one I picked up that is rated at 1.2 amps and as long as I dial back the K2 power, it works fine. It was even very quiet with no detectable hash when I used it on the workbench as my supply to power up the K2 at various points in the construction process. Although to be honest, I have not used it once the K2 got to the point of having a power amp with some 'oomph'. It just couldn't cut the mustard at all. Now I use a 'brick' that is a 4amp linear Lambda supply with 14.5v output that weighs about what a real brick would make of iron. But then, it's for AC use, and obviously not for backpacking!

It really pays to check out your wall wart before you try to plug it in and use it for ANYTHING other than its original intended purpose. And just because it's trash for your application doesn't mean it's junk. It's like the Dremel commercial about all the things the Dremel can do. They ended with a comparison with a hammer, and suddenly cut to 'Did we say it cuts?' Hammering is not a Dremel application. Don't fall into

the
trap of thinking all wall warts are for all jobs.

Mike

Date: Thu, 05 Oct 2000 10:16:40 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [80765] CONTEST: QRP Contest Calendar - Oct 7/8
Message-ID: <3.0.6.32.20001005101640.007d3c90@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

October 7/8, 2000

~~~~~  
UCWC Contest (CW)

Oct 7 0000z to 0800z

Rules: <http://www.sk3bg.se/contest/ucwc.htm>

~~~~~  
TARA PSK31 Rumble (PSK31 only) ... QRP Category

Oct 7 - 0000z to 2400z

Rules: <http://www.qsl.net/wm2u/rumble.html>

~~~~~  
Oceania DX Contest (PHONE)

Oct 7 - 1000z to Oct 8 - 1000z

Rules: <http://www.nzart.org.nz/nzart/update/contests/oceania.pdf>

~~~~~  
F9AA Cup Contest (CW/PH)

Oct 7 - 1200z to Oct 8 - 1200z

Rules: <http://www.sk3bg.se/contest/f9aacc.htm>

~~~~~  
European Sprint (SSB)

Oct 7 - 1500z to 1859z

Rules: <http://home.online.no/~janalme/htmlrules/eusprint.html>

~~~~~  
California QSO Party (CW/SSB) ... QRP Category

OCT 7 - 1600z to Oct 8 - 2200z

Rules: <http://www.cqp.org/Rules.html>

~~~~~  
RSGB 21/28 MHz Contest (SSB) ... QRP Category

Oct 8 - 0700z to 1900z

Rules: <http://www.arrl.org/contests/months/oct.html>

~~~~~  
AND LATER.....

~~~~~  
Ten-Ten Day Sprint (All) ... QRP Category

Oct 10 - 0000z to 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

~~~~~



Oceania DX Contest (CW)

Oct 14 - 1000z to Oct 15 - 1000z

Rules: <http://www.nzart.org.nz/nzart/update/contests/oceania.pdf>

~~~~~

Pennsylvania QSO Party (CW/SSB) ... QRP Category and Bonus

Oct 14 - 1600z to Oct 15 - 0500z

Oct 15 - 1300z to Oct 15 - 2200z

Rules: <http://www.qsl.net/narc/parules.htm#Revised>:

~~~~~

European Sprint (CW)

Oct 14 - 1500z to 1859z

Rules: <http://home.online.no/~janalme/htmlrules/eusprint.html>

~~~~~

FISTS Fall Sprint (CW) ... QRP Category

Oct 14 - 1700z to 2100z

Rules: <http://www.fists.org/~fists/sprints.html>

~~~~~

North American Sprint (RTTY)

Oct 15 - 0000Z - 0400Z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

~~~~~

Arkansas QSO Party (CW/PH/PSK31) ... QRP Category

Oct 21 - 0000z to 2359z

Rules: <http://www.arrl.org/contests/months/oct.html>

~~~~~  
JARTS WW RTTY Contest

Oct 21 - 0000z to Oct 22 - 2400z

Rules: <http://www.sk3bg.se/contest/jartsry.htm>  
~~~~~

Asia-Pacific Sprint (CW)

Oct 21 0000z to 0200z

Rules: <http://www.jsfc.org/apsprint/>
~~~~~

Rhode Island QSO Party (CW/SSB) ... QRP Category

Oct 21 - 0000z to Oct 22 - 2400z

Rules: <http://www.99main.com/~ctri/rules.htm>  
~~~~~

QRP ARCI Fall QSO Party (CW) *** QRP Contest ***

Oct 21 - 1200z to Oct 22 - 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/fall.htm>
~~~~~

Virginia QRP Society Fall QSO Party \*\*\* QRP Contest \*\*\*

Oct 21 - 1200z to Oct 22 - 2400z

(Piggyback to QRP ARCI Fall QSO Party)

Rules: [Http://www.qsl.net/vqs](http://www.qsl.net/vqs)  
~~~~~

Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 21 - 1500z to Oct 22 - 1459z

Rules: <http://www.darc.de/referate/dx/fedcg.htm>

~~~~~  
RSGB 21/28 MHz Contest (CW) ... QRP Category

Oct 22 - 0700z to 1900z

Rules: <http://www.arrl.org/contests/months/oct.html>

~~~~~  
Illinois QSO Party (CW/PH)

Oct 22 - 1800z to Oct 23 - 0200z

Rules: <http://www.megsinet.com/~jematz/ilqso00.html>

~~~~~  
Ten-Ten International Net Fall QSO Party (CW) ... QRP Category

Oct 28 - 0000z to Oct 29 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

~~~~~  
CQ WW DX Contest (SSB) ... QRP Category

Oct 28 - 0000z to Oct 29 - 2400z

Rules: <http://cqww.com/2000rules.htm>

~~~~~  
72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

\*\*\*\* QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>

-----  
Date: Thu, 05 Oct 2000 08:24:14 -0600  
From: Ray Colbert <w5xe@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [80766] Re: wire antennas  
Message-ID: <39DC8F0E.FD24246C@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I believe it was George Cousins, VE1TG that wrote a number of articles for CQ and possibly QST on the Sterba, bobtail and other broadside arrays. Also a good source of info is the Army's TM-11-666, antennas theory which covers some of the broadside arrays like the Lazy H, bi-square, Bruce and other colinear arrays plus the unidirectional and bi-directional arrays like the vertical half-rhombic, rhombic and vee-beams. In the Editors and Engineers Antenna Manual most all of the above are covered and in the Editors and Engineers Radio Handbook tenth edition and my latest 20th edition all have all of the broadside arrays covered. There are others covered as well.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111  
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 05 Oct 2000 14:30:21 GMT  
From: "Tom Dufresne" <tdufres@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [80767] Serial number?  
Message-ID: <F101q91mWZgrR9Sssxu0000d3e4@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

What is this "serial number" I've been seeing reading about in QRP? How can I get one? Why do I need one?

Thanks!  
Tom

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at  
<http://profiles.msn.com>.

-----  
Date: Thu, 5 Oct 2000 10:43:23 -0400 (EDT)  
From: "Paul R. Valko" <[prvalko@oakland.edu](mailto:prvalko@oakland.edu)>  
To: Tom Dufresne <[tdufres@hotmail.com](mailto:tdufres@hotmail.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [80768] Infrequent FAQ Reminder....Re: Serial number?  
Message-ID: <[Pine.OSF.4.21.0010051036570.32011-100000@saturn4.acs.oakland.edu](mailto:Pine.OSF.4.21.0010051036570.32011-100000@saturn4.acs.oakland.edu)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Oct 2000, Tom Dufresne wrote:

> What is this "serial number" I've been seeing reading about in QRP? How can  
> I get one? Why do I need one?

QRP-L Help Files are available at:

<http://www.oakland.edu/~prvalko/qrp1c.htm>

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 5 Oct 2000 07:52:21 -0700  
From: "Mont Pierce" <[MyGrapeVine@yahoo.com](mailto:MyGrapeVine@yahoo.com)>  
To: <[tdufres@hotmail.com](mailto:tdufres@hotmail.com)>, "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [80769] Re: Serial number?  
Message-ID: <[007801c02edb\\$de1afcc0\\$27010101@RTA](mailto:007801c02edb$de1afcc0$27010101@RTA)>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You turn yourself over and look for the barcode.... What? you don't have one?  
... er sorry, I couldn't resist.. :)

In case you like me and just cannot remember your qrp-l number, here's a list:

[ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/member\\_numbers.txt](ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/member_numbers.txt)

If you need a number, then send this email to [listserv@lehigh.edu](mailto:listserv@lehigh.edu):

RUN QRP-L X GETNR your\_call

73,  
km6wt  
qrp-l # 213

----- Original Message -----

From: Tom Dufresne <[tdufres@hotmail.com](mailto:tdufres@hotmail.com)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Sent: Thursday, October 05, 2000 7:30 AM  
Subject: Serial number?

> What is this "serial number" I've been seeing reading about in QRP? How can  
> I get one? Why do I need one?  
> Thanks!  
> Tom  
> -----  
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.  
>  
> Share information about yourself, create your own public profile at  
> <http://profiles.msn.com>.

-----  
Date: Thu, 5 Oct 2000 07:55:52 -0700  
From: "Mont Pierce" <[MyGrapeVine@yahoo.com](mailto:MyGrapeVine@yahoo.com)>  
To: <[prvalko@oakland.edu](mailto:prvalko@oakland.edu)>, "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [80770] Re: Infrequent FAQ Reminder....Re: Serial number?  
Message-ID: <[007c01c02edc\\$5c2e60c0\\$27010101@RTA](mailto:007c01c02edc$5c2e60c0$27010101@RTA)>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Is this html file also on the official qrp-l ftp site someplace?

i.e. ftp://ftp.lehigh.edu/pub/listserv/qrp-l/ and then where from here?

tnx,  
km6wt

----- Original Message -----

From: Paul R. Valko <prvalko@oakland.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, October 05, 2000 7:43 AM  
Subject: Infrequent FAQ Reminder....Re: Serial number?

>  
> On Thu, 5 Oct 2000, Tom Dufresne wrote:  
>  
> > What is this "serial number" I've been seeing reading about in QRP? How can  
> > I get one? Why do I need one?  
>  
> QRP-L Help Files are available at:  
>  
> <http://www.oakland.edu/~prvalko/qrpplc.htm>  
>  
> 73! =paul= W8KC  
> Collector of Ten\*Tecs and other fine plastics.  
> Visit the Virtual Ten\*Tec Museum at:  
> <<http://www.acs.oakland.edu/~prvalko>>  
>

-----  
Date: Thu, 5 Oct 2000 09:51:41 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [80771] Re: QST = Q-Street ?  
Message-ID: <07fa01c02edb\$c8f6b1e0\$b7084d0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well folks its been about 25 years since I first heard it but don't particularly like it.

Mike W3IRZ in Conyers Georgia

-----  
Date: Thu, 05 Oct 2000 10:58:58 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: QRP-L@lehigh.edu  
Subject: [80772] Q-Street  
Message-ID: <39DC9732.2AE0@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dear Newbies,

Why is it that I have only been licensed since 1956 and HAVE heard the term "Q-Street" used? Is it that none of you have regularly read QST, or none of you are life members of the League?

73

-----  
Date: Thu, 05 Oct 2000 11:05:08 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: weinfurt@oak.cats.ohiou.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [80773] Re: Alternate power sources for QRP/sterling  
Message-ID: <39DC98A4.3D88@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greg, and gang,

As I said when this topic was new, I remember seeing one in operation at a US Navy show around 1996 here in Washington, DC. What I remember was a fairly compact tubular unit, maybe 2.5 feet high with the generating gear in about a 10 inch cube at the bottom. Most impressive was teh amount of heat generated. It was being touted for life boat generators. I suppose the same device could be used for other applications though with an internal temperature of over 800 degrees I would be concerned about fire in any wooded enviromnent. I'd bet California would outlaw them if it hasn't already!

73

-----



Date: Thu, 5 Oct 2000 08:09:47 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [80774] US/VE island adventures (Slate Gap)  
Message-ID: <20001005150947.11655.qmail@web704.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

This week might be the last warm days for being out on the water, so I made it a point to get out there twice.

Monday I made 3 QSO's, and yesterday I just made two.

Conditions on the band yesterday were a little strange tho. There was QRM that sounded like a bad electric transformer was close by. Slate Gap island is uninhabited, and several miles from any power lines.

I remembered my power meter yesterday and set pwr at 750mW. Still able to make the 2 QSO's despite the bad conditions using less than 1 watt. So thats not too bad.

With all that noise I decided to QRT and enjoy the nice lake, and island. We pulled out our inflatable kayak and I paddled the XYL around the rest of the afternoon. Found some cool bluf caves to explore in the future. Maybe find some flint artifacts!

Thanks to those who tried to find me. The Sun had other plans.

On my webpage Links, I have US Ialands and also a page about last years expedition to Slate Gap. "Goodby to Summer". Check it out.

72/3'z de Jim KJ5TF  
"All Milliatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?

Yahoo! Photos - 35mm Quality Prints, Now Get 15 Free!

<http://photos.yahoo.com/>

-----  
Date: Thu, 5 Oct 2000 11:22:27 -0400  
From: Arthur Laurent <ALaurent@npr.org>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Cc: "'w6toy@erols.com'" <w6toy@erols.com>  
Subject: [80775] RE: Q-Street  
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D1244@npr-01-msg.npr.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

Bruce writes,

<...Why is it that I have only been licensed since 1956 and HAVE heard the term "Q-Street" used?

I was first licensed at age 11 in 1965 (then lapsed -- girls and other stuff in teenage years, y'know?) and re-licensed in 1991.

I heard "Q-Street" from my Elmer when I was just learning the ropes. (Of course, some say I am still learning the ropes...)

He used that name as a sort of joke -- I later interpreted "Q Street" as his attempt to remove the intimidation factor ("Offical Organ of the ARRL" and all that) from his introduction to me of an important tool. He did the same thing when he showed me how to use his Bug.

Art KD4CS0

-----  
Date: Thu, 5 Oct 2000 16:37:29 +0100  
From: Vic Winton <Vic.Winton@trafford-press.com>  
To: "'RangerSF5@aol.com'" <RangerSF5@aol.com>, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [80776] RE: Info on C & D cells current capacity  
Message-ID: <C94AC5B1B413D411ABDC009027177A641C79@trafford01.trafford-press.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi Bob and Gang,

Here is a summary of the responses to my recent query on using C or D cells to boost the voltage from a gell cell battery for portable use. My gel cell gives 12.5 v fully charged. My rig likes 12 v minimum. Not much drop there so a boost sounds like a good idea. But what size battery is suitable?

Responses....

1 Why bother- a good gel cell should be ok for a useful time. If not turn down the power !

2 Get battery ratings from manufacturers web sites

3 Manufacturers ratings should be reduced by say 25% to get real world ratings. Remember to Reduce more for cold environments.

4 Determine your expected current draw and ensure that your C or D cell can handle this current. Use two or more in parallel to achieve this.

5 You can switch in one (or one pair) or two (or two pairs) as required using a switch.

I haven't tried this yet but hope to do so soon. I will post my results.

Meanwhile I know there is a description of such a system on the web on a well known site but I cannot remember which one. It is a USA or Canadian station who does this.

Thanks again for all the responses and I hope this summary is of general interest.

Regards,

Vic Winton GW4JUN

-----Original Message-----

From: RangerSF5@aol.com [mailto:RangerSF5@aol.com]

Sent: 25 September 2000 18:02

To: Low Power Amateur Radio Discussion

Subject: Re: Info on C & D cells current capacity

In a message dated 9/25/00 5:53:35 AM Eastern Daylight Time,  
Vic.Winton@trafford-press.com writes:

<<

Thanks to everyone who replied to my question on using C or D cells to

boost  
gel cell voltage.

>>

Hi Vic,

Sure would be nice if that info was posted to the list.

Something I been trying to find out for some time

Bob

WA2HQrp <tm>

-----  
Date: Thu, 05 Oct 2000 10:57:58 -0500

From: "George, W5YR" <w5yr@att.net>

To: w5usj@globeco.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [80777] Re: Watts -- MFJ vs Daiwa & Welz

Message-ID: <39DCA506.D9971D07@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Chuck, I have found that the meter in my 989-C tracks both the IC-756 PRO and the Kachina very closely, even at the low end, so your readings probably suggest that a recal is in order.

The Kachina has a highly calibrated power output regulation scheme such that what it says on the screen is accurate to within a small fraction of a db. Frankly, I was surprised when I got the Kachina last year to find that the 989-C was as close as it is.

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Chuck Carpenter wrote:

>

> Wanted to check my FT-847 for low power to see how it compared with other  
> QRO rig info seen here recently.

>

> Into a Welz dummy load, the FT-847 shows 2.2 W at minimum power setting  
> with both the Daiwa and Welz power meters. The Welz has a 2.5 W scale.

>

> With the MFJ power meter on the 969 antenna coupler, the minimum power is  
> about 750 mW. Not too good in the accuracy dept. I'd say.

>

> W5USJ, one of the NETXQRP group...  
>  
> Chuck Carpenter, EM22cv, Point, Rains County, Texas

-----  
Date: Thu, 05 Oct 2000 11:06:01 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: mgoins@usa.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80778] Re: wire antennas  
Message-ID: <39DCA6E9.35FA1328@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Complex arrays like those you mention had their hey-day in the amateur game prior to WWII before rotatable Yagi and quad arrays arrived on the scene. Immediately prior to WWII, there were some rotary yagis in use, but they were comparatively rare. Thus, "ordinary folk" made do with complex wire antennas if they had the room and supports.

This class of antenna usually required a number of tall supports properly located plus a \*lot\* of wire. Many times the tuning of the array became quite difficult to carry out with the limited test equipment of those days.

So, I believe that the present lack of info on these antennas in the current literature is in recognition that for most amateur purposes, they have been superceded by better designs and that their requirements for space and tall supports is difficult to manage on typical urban lots.

I suggest that you look at QST and other amateur radio publications prior to WWII, such as "Radio" the forerunner of CQ, for info on these antennas.

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

M Goins wrote:

>  
> Can't seem to find much on Sterba Curtains, Six Shooter arrays, and other high  
> gain wire antennas, either on the Internet or in the old Orr handbook. Anyone

> know of a source of information on wire arrays?  
>  
> mike  
> wb5yjx

-----  
Date: Thu, 05 Oct 2000 12:17:55 -0400  
From: "John P. Cummins, Sr." <jpcummins@att.net>  
To: qrp-l Server <qrp-l@Lehigh.EDU>  
Subject: [80779] Norcal TTF/WW Contest Results  
Message-ID: <39DCA9B3.161EF7F8@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone seen the results of last Spring's TTF/Water World. I can't find it on their web site. I sent email about 2 months ago and was told that it would be forthcoming.

Our club (NoGa) had a great score but we would like to know how we stacked up against the competition..!

Pickett, AD4S

-----  
Date: Thu, 5 Oct 2000 11:29:21 -0500  
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80780] Re: QST = Q-Street ?  
Message-ID: <02c601c02ee9\$6c63a060\$0200000a@mcg.net>

OK, Q Street is slang for QST. Some have heard this some have not. The original poster asked for private replies only. We've covered this one much more then necessary. Let's move on to other QRP subjects please.

73 de Cla KA0GKC Manager QRP-L

-----  
Date: Thu, 05 Oct 2000 11:56:33 -0500  
From: Vance Huntsinger <vhuntsinger@iwic.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [80781] Re: Q-Street  
Message-ID: <4.2.0.58.20001005115429.009d78b0@mail.iwic.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:58 AM 10/5/2000 -0400, Bruce Muscolino wrote:

>Dear Newbies,

>

>Why is it that I have only been licensed since 1956 and HAVE heard the  
>term "Q-Street" used? Is it that none of you have regularly read QST,  
>or none of you are life members of the League?

>

>73

I've been licensed since 1968, am a life member of ARRL, read QST every month. But I had never heard the phrase "Q Street" until it came up on this reflector.

Vance Huntsinger - WA9YDJ  
Libertyville, IL

-----

Date: Thu, 5 Oct 2000 13:01:16 -0400

From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

To: qrp-l@Lehigh.EDU

Subject: [80782] 80/40 Explorer

Message-ID: <v0311070cb60263ce600c@[132.235.81.133]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi all,

I found an unused explorer board in my treasure box. It was given to me by KA8ZYP and I forgot all about it. Numbers on the board are:

80/40M Explorer (or does that say "30/40"?)

By FAR

8/92

Is there a schematic and/or parts placement diagram on the web somewhere?

NS80

Forgive me if this multiposts, having email problms

-----  
Date: Thu, 5 Oct 2000 13:14:49 -0400 (EDT)  
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>  
To: Levent Sasmazel <levent@netlabs.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80783] Re: Yaesu FT100 and QRPP ???  
Message-ID: <Pine.LNX.4.21.0010050052520.18529-100000@hendryx.tcnet.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 4 Oct 2000, Levent Sasmazel wrote:

> Hi Again,  
>  
> Is any one have any experience with Yaesu FT100 in the QRP world ? Is  
> output power adjustable as low as 3-5 watt ? Both on CW and SSB? Thanks for  
> the info.

The FT-100 has a menu option for HF power level that goes from 0 to 100. I have not tested linearity, but the 5 setting does seem close to 5 watts. And yes, this is for both CW and SSB (actually all modes...)

I have started experimenting with my FT100 at about 5 watts. I am getting a few contacts on CW, but haven't had any luck on SSB with the mobile antenna yet. This certainly shows the advantage of CW to me - if only I were better at it.

Ken McGuire  
KC8LTL in EN74cp  
at902@tcnet.org

-----  
Date: Thu, 5 Oct 2000 11:44:41 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu  
Cc: gqrp@onelist.com  
Subject: [80784] MAJOR to SEVERE STORMING  
Message-ID: <Pine.SUN.4.10.10010051104110.26856-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
The expected shockwave from monday's coronal mass ejection (CME) arrived, albiet many hours earlier than expected, triggering major to severe geomagnetic storming, still in progress at this time (5 OCT 1700UTC).



The shockwave arrived on planet earth about 0315UTC 5 OCT, or more than 12 hours ago. We are still running K=6 (major storm) and K=7 (severe storm) at different locations across the earth. The estimated A-index is well over 100. (The official daily A-index is the 24 hour average, calculated at the end of the UTC day). The solar wind is currently 530-550 km/sec. The direction of the IMF (interplanetary magnetic field) has turned northward, meaning conditions may improve over the next few hours. On the otherhand, it could turn southward again, keeping our magnetic field in a highly disturbed state. I will post an update later today.

Note that a geomagnetic storm effects mostly the LOWER HF bands, that is, 20M down to 160M, and the lower the frequency, the worse the effect. Solar flux is in the 180's, so daytime use of 20-10M should be fairly good still.

A severe storm does cause problems at UHF, particularly to satellites, by wide signal dispersions coming through our ionosphere. Thus, position data and such from GPS is currently degraded and things like that.

A HUGE aurora is ongoing in the dark sectors of our planet right now, and could continue into North America this evening if the magnetic field remains disturbed (K>4 around local sunset).

This storm was triggered by a relatively small C-class flare monday, so the severity of this storm is a bit unexpected.

Enjoy the bands and the sky, and understand some very noisy conditions on 40-20M right now.

72, Paul NA5N  
National Radio Astronomy Observatory  
Socorro, New Mexico

However, this is NOT an official warning or statement representing the observatory; purely personal interpretations.

-----  
Date: Thu, 5 Oct 2000 11:09:27 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>

Subject: [80785] QRPacificon: Pacificon is Coming Soon!!

Message-ID: <01c02ef7\$66870b60\$330b0d0a@dhendricks>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guess what guys? Pacificon is right around the corner. We have another great program lined up for you to enjoy and have fun. The QRP activities will start Friday evening with a no host dinner at Fuddruckers. We will meet in the lobby of the hotel at 6 PM and if you have a car and offer a ride to those who need it, it would be appreciated. The dinner is scheduled for 6:30. Actually, dinner is probably not the right word to use here. What we are going to do is have a whole bunch of guys meet in a restaurant and we will eat together. Don't worry, this is NorCal guys. We won't have any business, nor program and certainly no speaker. We want you to enjoy this time of fellowship with your fellow qrpers. It will be very low key.

Then we will meet back at the QRP Hospitality Room at the hotel for the operating event of the weekend, the SMK-1 QSO Party. Bring your SMK-1 rigs, (all mods acceptable) and antenna, (anything that you can fit in the room but you can't attach anything to the walls with tape, gum, staples, baling wire, hot glue, etc. (but you can have two babes in bikini's hold your wires). We will have a qso party for 1 hour starting at 8 PM and running until 9 PM local time. The goal is to make as many contacts as you can. Then after the contest, you have until 9:30 to collect as many qsl cards confirming your contacts as you can. The one with the most confirmed qso's will win a prize. We encourage you to bring some qrp sized qsl's (business card size), but any qsl is fine.

Saturday is the big day! Our speaker lineup is as always, world class. Here is the schedule:

9:00 AM Tony Fishpool, G4WIF and Graham Firth, G3MFJ

Simple Test Equipment, How to Build and Use

10:00 AM Dave Gauding, NF0R

Simple Antennas for the Portable Operator and Apartment Dweller

11:00 AM Dan Tayloe, N7VE

The NorCal Mini Stinger: A 40 Meter CW Transceiver using the Tayloe Mixer

(This will be the next NorCal Kit)

1:30 PM Mike Gipe, K1MG

Surface Mount Construction: Painless and Fun!!

2:30 PM Vern Wright, W6MMA

Portable and Mobile Antennas for QRPers and Their Development

3:30PM George Heron, N2APB

A Selfcontained DualBand PSK31 Transceiver for 20 & 80 Meters

(NOTE: NO Computer required)

Tomorrow, I'll talk about all of the activities planned for Saturday night, tell you about kits that will be available, and other necessary information. Hope to see you there. 72, Doug

-----  
Date: Thu, 5 Oct 2000 11:16:18 -0700  
From: ki6ds@dpo1.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [80786] QRPacificon: OOPS, forgot the dates.  
Message-ID: <01c02ef8\$5b92fa60\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just saw my post on Pacificon. Forgot to say which Friday and Saturday. Guys the dates are Friday, Oct. 20th, Sat. Oct. 21st, and Sun. Oct. 22nd. Sorry about that. Doug

-----  
Date: Thu, 05 Oct 2000 12:10:26 MDT  
From: "Carlos Caro" <cjcaro35@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [80787] RE: Q-Street  
Message-ID: <F114dDh08nt9fDUyDgW0000f6f3@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Must be a regional expression. I picked up my first copy of QST at "Radio Row", NYC in the summer (Jul-Aug) of 1947. Have read it either as a member or bought off the news-stands and have never heard it called "Q-Street" by either old timers (pre-war) or newbies.

Carlos #1333

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Share information about yourself, create your own public profile at <http://profiles.msn.com>.

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Date: Thu, 5 Oct 2000 12:32:21 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: na5n@rt66.com, qrp-1@lehigh.edu  
Subject: [80788] Re: MAJOR to SEVERE STORMING  
Message-ID: <39DC74D5.13344.6C6681@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

>>The shockwave arrived on planet earth about 0315UTC 5 OCT<<

I think I heard it hit! 20M seemed dead so I swung the (brand new) beam around to southwest and heard a quite strong and clear signals from ZL4, but got tired of waiting for the guy to finish his QSO so went back north and heard a couple of Russians.... waited for a break and discovered it was a pair of W2s, but with that watery warbly "over the pole" sound-- checked and nothing at all from the Northeast. Probably auroral or something. Very unusual, to me anyhow. And the last Russian I heard was multi-pathing so thoroughly that I couldn't copy his code-- just like an echo chamber.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Thu, 5 Oct 2000 11:51:19 -0700  
From: dave\_epps@juno.com  
To: k7gt@qsl.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [80789] Re: (no subject) Twinlead portable dipoles  
Message-ID: <20001005.115356.-134441.0.Dave\_epps@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

This looks like MFJ's portable folded dipoled antenna. It is totally foreign to me with that shorting bar on the main element. I have heard good reports from others that have used this antenna. Details at  
<http://www.mfjenterprises.com/manuals/1776/mfj1776.html>  
dave ab5pc fresno

On Tue, 03 Oct 2000 15:24:21 -0700 Allan Taylor <k7gt@qsl.net> writes:  
> This little twinlead dipole was the subject of Zach Lau's RF column  
> this

> month in QEX (Sept/Oct 2000 issue). Too bad he didn't tell more  
> about  
> his  
> optimizations of the design as found in the ARRL Antenna Book s.  
>  
> GT  
>  
> --  
> Allan Taylor K7GT Pleasanton/Livermore CA  
>  
> k7gt@qsl.net or k7gt@aol.com

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 5 Oct 2000 12:48:42 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu, cqclist@cqc.org  
Subject: [80790] New! OHR 100A for 15M -  
Message-ID: <39DC78AB.18725.7B61B4@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

A 15M version of the OHR 100A is now available!

As some of you will recall, the original OHR 100 was available for 15 but it didn't make the transisition to the 100A. Dick found that due to a minor difference in the board layout, he could only get a watt or two out of the 100A on 15. He spent a LOT of time on it without finding a fix, so the 100A-15 was never released. WE spent a lot of time on it, but eventually did find the problem, and fixed it. Allowing for component tolerances and different "building styles" power output will be at least 4W, and up to 4.5 if you tweak the output filter coils.

The OHR 100A-15 is in stock and ready to ship.

For those of you not familiar with the OHR 100A series, you'll find details on the web at <http://www.OHR.com> .

As always, you can order on our secure server via <http://www.OHR.com>, or use our toll-free credit card order line (800) 238-8205, or mail to Oak Hills Research, 2460 S. Moline Way, Aurora CO 80014. For more information about

the items mentioned here or any of our other products, visit our web site or call (303) 752-3382.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Thu, 5 Oct 2000 15:07:17 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: qrp-1@lehigh.edu  
Subject: [80791] Re: [Elecraft] hash with R/S 22-503  
Message-ID: <v03110702b6027714331d@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave belsley, w1euy, writes;

>I want to correct a statement I made in a previous posting. I claimed no  
>noticable hash or noise from the R/S 22-503 13.8v, 3a, switching power  
>supply.

I have an R/S 22-503 that I used for the first time with my K2 in a portable location during Labor Day week. I found it to be useless except as a charger for the battery. The noise is so bad that the first 3 - 4 bars of the K2 S meter light up with no signal present on the K2 even with the antenna disconnected. I was using the KAT2 tuning a 66' longwire with a set of ribbon cable 1/4 wave radials, not an ideal setup, but this seems to be an excessively noisy supply. I have other switching power supplies that don't have this noise problem. One is a 2A Sharp wall wart style mini-switching supply that I use with my Sierra. It has no detectable noise when operating. The RS switching power supply was so noisy, it effected the TV in the room that was connected to the hotel cable system. Try messing with a woman and her Lifetime channel movies. :^(

It's a nice lightweight power supply and reasonably priced, but the noise is too much for me to be able to operate while using it. It would be nice to be able to filter it enough for it to be usefull in portable AC situations.

Does anyone have any suggestions regarding supressing the noise from the R/S 22-503? I doubt RS would provide a schematic of the power supply but I may be wrong. Everytime I call to order a service manual from RS, they are

either on backorder or not available.

73,

Rick kf4ar K2 # 211

-----  
Date: Thu, 5 Oct 2000 15:04:46 -0400 (EDT)  
From: Brien Pepperdine <pepperb@gov.on.ca>  
To: qrp-1@lehigh.edu  
Subject: [80792] need 50 watt 13.8 volt PA ideas  
Message-ID: <Pine.OSF.4.05.10010051456400.9721-1000000@govonca2.gov.on.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Guys. I have here two TenTec Argosy rigs - both of which exhibit likely dead final PA transistors. The original was the MRF 477, sadly now is 'unobtainium'. This was also used in the Uniden 2510 I think.

The voltage rail is 12 volts or 13 approx., standard supply, so there is a limit right there in terms of trying to get a 50 watt more or less output.

I would like to try to find a way to resurrect these rigs - not blown up by me by the way. They came from the CNIB blind hams program, which now uses Kenwoods or somesuch stuff.

If anyone has an idea about how to kludge or sub a suitable transistor set, I sure would like to hear about it.

One idea has been the MRF 455 (60 watts out?) which was believed to be used in the TenTec Scout. Don't have full info on that option yet.

The TenTec list has limited ideas on this, BTW, and TT themselves seem to be reluctant to suggest kludgie ideas.

I would like to take them to a level of high/low power again rather than just redoing the driver/PA structure and only having a 5 or 10 watt output.

Maybe someone has a better cross ref source or ideas than I have found so far.

Brien Pepperdine  
Amateur Radio Station VE3VAW  
Toronto, Ontario Canada  
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

-----  
Date: Thu, 5 Oct 2000 15:21:38 -0400 (EDT)  
From: n2go@arrl.net  
To: Brien Pepperdine <pepperb@gov.on.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [80793] Re: need 50 watt 13.8 volt PA ideas  
Message-ID: <Pine.LNX.4.20.0010051519560.7156-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

You could use MRF455 for the finals in place of the 477's  
and use a MRF433 instead of MRF479 driver.  
I think the board layout would be different though :(

73,

Jim n2go

-----  
Date: Thu, 5 Oct 2000 12:38:42 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [80794] Pacificon: Prizes and Compenium  
Message-ID: <01c02f03\$de3cae60\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I have received several queries as to what the prizes will be at Pacificon. We will be awarding plaques to all winners of the building contests, but we will order them after the event so that we can engrave the winner's name on it. It seems to me that is a nicer way to do it, as it makes it more personalized. As far as door prizes and drawings go, there won't be any. We want to give all of the great vendors who support QRP a break. This is in no way to imply that others who ask vendors for prizes are doing anything wrong. It is just that there are so many QRP Forums now, that it might be a hardship on some of the guys. If you are a qrp vendor and are going to be at Pacificon, please email me and let me know, so we can publicize it. Also, tables will be available for vendor use on Saturday night, Nothing fancy, you show up and grab a table. There won't be any fancy signs, or a sign up list. Just let it flow, the NorCal way.



There will not be a compendium for Pacificon this year. It was a lot of work, it cost a lot of money, and I caught a lot of grief and criticism because I did not make them available to the world. I decided after last year that I would not be doing another compendium. Please respect my decision, it was mine to make.

Also, all expenses for the QRP Forum are paid by NorCal. It is a way that we can use up some of the excess funds generated by QRPP and Kits. Jim and I decided when we started NorCal that we would reinvest all extra money generated in QRP. Pacificon is one of our major efforts. It would not be possible without your support. Thank you. There is a charge to get into the convention, but none of that money goes to NorCal. There is NO additional charge for any of the qrp events.

Thanks, and the days are gonna fly by fast. 72, Doug

-----  
Date: Thu, 05 Oct 2000 15:37:34 -0400  
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
To: qrp-l@lehigh.edu  
Subject: [80795] 17 Meter Transverter Lives  
Message-ID: <5.0.0.25.1.20001005151910.00a1d9b0@pop.prodigy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

As some of you know, every now and then I go off on a tangent! It has happened again. I was doing some building of "parts" that eventually will be a 2 band, SSB/(CW maybe) 40 meter and 17 meter rig for use on the bicycle. The basis idea for the rig was a pretty decent 40 meter rig, with a simple transverter approach for getting the 17 meter coverage.

So I built the 17 meter converter using a single NE602, which may evolve into a diode DBM approach, and it worked really well. Next an r.f. strip was designed using a 2N2222 buffer, 2N5109 driver, and a 2SC1947 for the final. A solid 5 watts, and nobody gets above warm. With that working, off on the tangent I went.

I added an oscillator at 11 MHz, and a DBM to the r.f. board, and whoa, we've got a setup that can be excited with 7 MHz to product output on 18 MHz. A 30 dB attenuator in front of the DBM lets the drive come from a qrp rig running up to 5 watts on 40. With the addition of a couple of T/R switches added, the Rx converter could be wired in, and the whole thing made to work.

The 'ol spectrum analyzer shows all of the transmit spurs down by at least 45 dB, and the Rx converter has an MDS around -125 dBm, so it hears well enough to be quite useable.

I put it on the air this afternoon driving my long wire through the ATU, and worked FJ/AA6YQ, so I know it can make contacts.

Now the big question! How much interest is there in seeing something like this kitted, either with a PC board, or built as I did it, Manhattan-style? Please respond to me, not the list, and I'll sort of do a tally of interest and comments. In the meantime, I'll get back to building more of the 40 meter SSB rig, to finally finish that project. I've also learned a few things doing this prototyping that I'm going to carry over to the 2N2/15 project, now that the summer cycling season is slowing down.

Thanks for reading if you've gotten this far.

72 and kind regards to all,

Jim, K8IQY

-----  
Date: Thu, 5 Oct 2000 15:57:23 EDT  
From: NOBN@aol.com  
To: qrp-1@lehigh.edu  
Cc: WjoC@aol.com, ghazen@praxsoft.com  
Subject: [80796] SMK Mobile: fait accompli  
Message-ID: <7b.a7a7907.270e3723@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

I am please to announce after calling and answering CQs mobile with my SMK for well over two weeks during morning and evening drive time, I finally made a contact.

At about 1340 Z, I was just south of Colorado Springs, Co, and heard Jim wj0c, Waterloo, Iowa, calling CQ at the very bottom of the SMK's bandwidth at about 7122 (I have added those xtals): I couldn't get RX down to his zero beat but could hear the upper side of his signal. The TX wouldn't go down that far either but I got as close as possible. He called CQ for a few minutes but apparently didn't hear me answering. I tuned around slightly and kept answering and finally ... silence from his end. My excitement level

rose ...maybe he heard me and he's listening! I called again and again and then ... heard my call being returned to me. I was a bit off his frequency and he zero beat me in.

We exchanged info, he gave me a 449 report and I gave him 579. I've talked to Jim before when he was mobile.

Thanks, Jim, for the thrill of ~680 miles on ~350 mW mobile CW into Hustler. Now I can do the one watt mod and rest my fist a bit: I'm taking the rest of the day off work. Happy airplaying!

72,

Daniel n0bn

-----  
Date: Thu, 05 Oct 2000 13:20:01 -0700  
From: Russ Carpenter <russ@natworld.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [80797] Results of the OCTOBER SPARTAN SPRINT  
Message-ID: <B602307F.5888%russ@natworld.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

The October Spartan Sprint was a dandy. 40 and 20 meters were quiet and productive, proving that chilly weather (and lack of thunderstorms) has its virtues.

The soapbox was published separately in the October issue of The ARS Sojourner, which went live today. As usual, the soapbox and Sojourner are jam packed with great material. Don't miss them! <http://www.natworld.com/ars>

Each contact received one point. If you didn't tell us the weight of your station, or if it weighed more than the a sumo wrestler, we assigned a weight of 30 pounds.

THE SKINNY DIVISION (results sorted in order of points per pound)

| Call  | Name | 80m | 40m | 20m | 15m | 10m | Total<br>Qs | Wt. | Qs/<br>Pound |
|-------|------|-----|-----|-----|-----|-----|-------------|-----|--------------|
| AA4XX | Paul | 0   | 0   | 16  | 0   | 0   | 16          | 0.6 | 26.7         |
| K4FDK | John | 0   | 20  | 0   | 0   | 0   | 20          | 1.3 | 15.4         |

|        |         |   |    |    |   |   |    |      |      |
|--------|---------|---|----|----|---|---|----|------|------|
| AF4PS  | Mac     | 0 | 14 | 15 | 0 | 0 | 29 | 2.5  | 11.6 |
| AA7QU  | Russ    | 0 | 19 | 40 | 1 | 0 | 60 | 5.5  | 10.9 |
| AE6N   | Jim     | 0 | 0  | 32 | 0 | 0 | 32 | 3.0  | 10.7 |
| K5LN   | Bill    | 0 | 15 | 37 | 0 | 0 | 52 | 5.5  | 9.5  |
| N7CEE  | Bruce   | 0 | 3  | 18 | 0 | 0 | 21 | 2.5  | 8.4  |
| AL7OK  | John    | 0 | 0  | 9  | 0 | 0 | 9  | 1.2  | 7.5  |
| W0UFO  | Mert    | 0 | 10 | 25 | 0 | 0 | 35 | 6.0  | 5.8  |
| KH6B   | Dean    | 0 | 19 | 3  | 2 | 0 | 24 | 4.5  | 5.3  |
| N4HAY  | Dick    | 0 | 18 | 9  | 0 | 0 | 27 | 5.8  | 4.7  |
| K7UD   | Dee     | 0 | 2  | 3  | 0 | 0 | 5  | 1.1  | 4.5  |
| N3AO   | Carter  | 0 | 0  | 25 | 0 | 0 | 25 | 6.0  | 4.2  |
| N5IW   | Dave    | 0 | 14 | 41 | 3 | 0 | 58 | 14.0 | 4.1  |
| W1PID  | Jim     | 0 | 5  | 7  | 0 | 0 | 12 | 2.9  | 4.1  |
| NC90   | Skip    | 0 | 14 | 5  | 2 | 0 | 21 | 6.0  | 3.5  |
| N7XJ   | Bob     | 0 | 16 | 5  | 0 | 0 | 21 | 7.0  | 3.0  |
| KB9LCK | Chris   | 0 | 5  | 7  | 0 | 0 | 12 | 4.0  | 3.0  |
| KI0II  | Ron     | 0 | 0  | 14 | 2 | 0 | 16 | 6.1  | 2.6  |
| K6PZB  | John    | 0 | 6  | 16 | 3 | 1 | 26 | 10.5 | 2.5  |
| WD7Y   | Ed      | 0 | 2  | 12 | 0 | 0 | 14 | 7.0  | 2.0  |
| KA8LLE | Ben     | 5 | 4  | 11 | 0 | 0 | 20 | 11.0 | 1.8  |
| K7RE   | Brian   | 0 | 5  | 45 | 0 | 0 | 50 | 30.0 | 1.7  |
| AF5Z   | Bob     | 0 | 19 | 26 | 0 | 0 | 45 | 30.0 | 1.5  |
| KF6QKI | Rich    | 0 | 5  | 6  | 0 | 0 | 11 | 7.5  | 1.5  |
| N7LT   | Lyndel  | 0 | 4  | 38 | 1 | 0 | 43 | 30.0 | 1.4  |
| KA0ENU | Joe     | 0 | 0  | 6  | 0 | 0 | 6  | 4.5  | 1.3  |
| NK9G   | Rick    | 0 | 30 | 9  | 0 | 0 | 39 | 30.0 | 1.3  |
| K8CV   | Walt    | 3 | 17 | 13 | 0 | 0 | 33 | 30.0 | 1.1  |
| K2QO   | Mark    | 0 | 17 | 15 | 0 | 0 | 32 | 30.0 | 1.1  |
| W2BVH  | Lenny   | 0 | 0  | 4  | 0 | 0 | 4  | 6.0  | 0.7  |
| VE3FFK | Mike    | 0 | 2  | 3  | 0 | 0 | 5  | 8.0  | 0.6  |
| W4NJK  | Charlie | 0 | 4  | 13 | 0 | 0 | 17 | 30.0 | 0.6  |
| WA9PWP | Paul    | 0 | 15 | 0  | 0 | 0 | 15 | 30.0 | 0.5  |
| KD7CTF | Lee     | 0 | 0  | 10 | 4 | 0 | 14 | 30.0 | 0.5  |
| W9FNB  | Gary    | 0 | 0  | 14 | 0 | 0 | 14 | 30.0 | 0.5  |
| KG9PQ  | Cal     | 0 | 2  | 7  | 1 | 0 | 10 | 30.0 | 0.3  |
| VE3XT  | Bill    | 0 | 10 | 0  | 0 | 0 | 10 | 30.0 | 0.3  |
| W6ZIP  | John    | 0 | 0  | 7  | 0 | 1 | 8  | 30.0 | 0.3  |
| K7TQ   | Randy   | 0 | 2  | 4  | 0 | 0 | 6  | 30.0 | 0.2  |
| VE6AAN | Pat     | 0 | 2  | 3  | 0 | 0 | 5  | 30.0 | 0.2  |
| WF6D   | Bill    | 0 | 2  | 0  | 1 | 0 | 3  | 30.0 | 0.1  |

THE TUBBY DIVISION (results sorted in order of points)

| Call   | Name | 80m | 40m | 20m | 15m | 10m | Total<br>Qs |
|--------|------|-----|-----|-----|-----|-----|-------------|
| AA7QU* | Russ | 0   | 19  | 40  | 1   | 0   | 60          |
| N5IW   | Dave | 0   | 14  | 41  | 3   | 0   | 58          |

|        |         |   |    |    |   |   |    |
|--------|---------|---|----|----|---|---|----|
| K5LN   | Bill    | 0 | 15 | 37 | 0 | 0 | 52 |
| K7RE   | Brian   | 0 | 5  | 45 | 0 | 0 | 50 |
| AF5Z   | Bob     | 0 | 19 | 26 | 0 | 0 | 45 |
| N7LT   | Lyndel  | 0 | 4  | 38 | 1 | 0 | 43 |
| NK9G   | Rick    | 0 | 30 | 9  | 0 | 0 | 39 |
| W0UFO  | Mert    | 0 | 10 | 25 | 0 | 0 | 35 |
| K8CV   | Walt    | 3 | 17 | 13 | 0 | 0 | 33 |
| AE6N   | Jim     | 0 | 0  | 32 | 0 | 0 | 32 |
| K2Q0   | Mark    | 0 | 17 | 15 | 0 | 0 | 32 |
| AF4PS  | Mac     | 0 | 14 | 15 | 0 | 0 | 29 |
| N4HAY  | Dick    | 0 | 18 | 9  | 0 | 0 | 27 |
| K6PZB  | John    | 0 | 6  | 16 | 3 | 1 | 26 |
| N3A0   | Carter  | 0 | 0  | 25 | 0 | 0 | 25 |
| KH6B   | Dean    | 0 | 19 | 3  | 2 | 0 | 24 |
| N7CEE  | Bruce   | 0 | 3  | 18 | 0 | 0 | 21 |
| N7XJ   | Bob     | 0 | 16 | 5  | 0 | 0 | 21 |
| NC90   | Skip    | 0 | 14 | 5  | 2 | 0 | 21 |
| K4FDK  | John    | 0 | 20 | 0  | 0 | 0 | 20 |
| KA8LLE | Ben     | 5 | 4  | 11 | 0 | 0 | 20 |
| W4NJK  | Charlie | 0 | 4  | 13 | 0 | 0 | 17 |
| AA4XX  | Paul    | 0 | 0  | 16 | 0 | 0 | 16 |
| KI0II  | Ron     | 0 | 0  | 14 | 2 | 0 | 16 |
| WA9PWP | Paul    | 0 | 15 | 0  | 0 | 0 | 15 |
| KD7CTF | Lee     | 0 | 0  | 10 | 4 | 0 | 14 |
| W9FNB  | Gary    | 0 | 0  | 14 | 0 | 0 | 14 |
| WD7Y   | Ed      | 0 | 2  | 12 | 0 | 0 | 14 |
| W1PID  | Jim     | 0 | 5  | 7  | 0 | 0 | 12 |
| KB9LCK | Chris   | 0 | 5  | 7  | 0 | 0 | 12 |
| KF6QKI | Rich    | 0 | 5  | 6  | 0 | 0 | 11 |
| KG9PQ  | Cal     | 0 | 2  | 7  | 1 | 0 | 10 |
| VE3XT  | Bill    | 0 | 10 | 0  | 0 | 0 | 10 |
| AL70K  | John    | 0 | 0  | 9  | 0 | 0 | 9  |
| W6ZIP  | John    | 0 | 0  | 7  | 0 | 1 | 8  |
| K7TQ   | Randy   | 0 | 2  | 4  | 0 | 0 | 6  |
| KA0ENU | Joe     | 0 | 0  | 6  | 0 | 0 | 6  |
| K7UD   | Dee     | 0 | 2  | 3  | 0 | 0 | 5  |
| VE6AAN | Pat     | 0 | 2  | 3  | 0 | 0 | 5  |
| VE3FFK | Mike    | 0 | 2  | 3  | 0 | 0 | 5  |
| W2BVH  | Lenny   | 0 | 0  | 4  | 0 | 0 | 4  |
| WF6D   | Bill    | 0 | 2  | 0  | 1 | 0 | 3  |

\* Contest manager not eligible

\*\*\*\*

Thanks for supporting The AAdventure Radio Society!

Russ Carpenter, AA7QU

Contest Manager

-----  
Date: Thu, 5 Oct 2000 16:43:25 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [80798] RE: QST = Q-Street ?  
Message-ID: <LPBBJAGIPFHKPJENAKLOKEBCKAA.n1bq@wulfden.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Licensed since early 60's ... never heard it until late 70's and have heard it ever since, in all three of my QTH's, Long Isand, Southern New Jersey and Burlington, Vermont areas.

> -----Original Message-----

> From: M Goins

> Sent: Thursday, October 05, 2000 8:00 AM

> Same here - 24 years with a ticket (QCWA in January) and I've  
> not once ever heard this statement.

-----  
Date: Thu, 5 Oct 2000 16:47:01 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Mont Pierce <MyGrapeVine@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80799] Re: Infrequent FAQ Reminder....Re: Serial number?  
Message-ID: <Pine.OSF.4.21.0010051640010.28213-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Oct 2000, Mont Pierce wrote:

> Is this html file also on the official qrp-l ftp site someplace?

I dunno... I just did that myself. It's public domain if that's what you are asking. No problem if someone else wants to copy it or put it somplace. the only reason I keep sending Infrequent Reminders is that

nobody seems to bother to read the "official" pages and FAQs anyways.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 05 Oct 2000 16:54:57 -0400

From: winjones@ix.netcom.com

To: pepperb@gov.on.ca

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [80800] Re: need 50 watt 13.8 volt PA ideas

Message-ID: <Springmail.105.970779297.0.79542000@www.springmail.com>

Have you tried RF Parts in California to see if they still carry the MRF 477 or a suitable replacement? Their web page is [www.rfparts.com](http://www.rfparts.com). Seems like I've seen that RF transistor listed, but I'm not sure.

73, Winston K4CWQ

pepperb@gov.on.ca wrote:

> Guys. I have here two TenTec Argosy rigs - both of which exhibit likely dead final PA transistors. The original was the MRF 477, sadly now is 'unobtainium'. This was also used in the Uniden 2510 I think.

The voltage rail is 12 volts or 13 approx., standard supply, so there is a limit right there in terms of trying to get a 50 watt more or less output.

I would like to try to find a way to resurrect these rigs - not blown up by me by the way. They came from the CNIB blind hams program, which now uses Kenwoods or somesuch stuff.

If anyone has an idea about how to kludge or sub a suitable transistor set, I sure would like to hear about it.

One idea has been the MRF 455 (60 watts out?) which was believed to be used in the TenTec Scout. Don't have full info on that option yet.

The TenTec list has limited ideas on this, BTW, and TT themselves seem to be reluctant to suggest kludgie ideas.

I would like to take them to a level of high/low power again rather than just redoing the driver/PA structure and only having a 5 or 10 watt output.

Maybe someone has a better cross ref source or ideas than I have found so far.

Brien Pepperdine  
Amateur Radio Station VE3VAW  
Toronto, Ontario Canada  
ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

-----  
Date: Thu, 5 Oct 2000 17:03:51 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [80801] SG-2020  
Message-ID: <LPBBJAGIPFHKPJENAKLOAEBECKAA.n1bq@wulfdn.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking to buy an all band HF rig soon ... Between my interest in not totally busting my piggy bank and in QRP I have been looking at the SG-2020. I really only know about it from the ad in the HRO catalog ... is there a website anywhere I can find info and I think there was a Q-Street (I couldn't resist!) article some months ago. I am not sure if a discussion of the rig is appropriate on the list but I would really appreciate hearing from anyone who has experience with the rig.

thanks all, 73 de brian, n1bq

--  
N1BQ-3 @ 44 31.73N 072 51.55W  
WideN-N digi and weather station in Underhill Center, VT  
mailto:n1bq@wulfdn.org  
AMSAT LM-1418 NJQRP #274 QRP-L #2276

-----  
Date: Thu, 5 Oct 2000 14:05:09 -0700  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>  
Subject: [80802] Fall QRPP  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EFE4@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="iso-8859-1"

Gang --

I had the privilege of previewing some of the drawings that Paul Hardin NA5N created for the Fall issue of QRPP. These drawings document the Manhattan-style construction of the Iowa QRP 10 Transceiver designed by N0MF. I haven't seen the article to accompany them, but I believe that you could build the entire rig just from the schematic and Paul's incredibly detailed construction sketches.

I think that if I put them behind a nice matte and wooden frame, my wife would let me hang them in the living room! Beautiful!

I'm sure looking forward to seeing the rest of the Fall QRPP issue.

Mike K1MG

-----  
Date: Thu, 05 Oct 2000 17:05:48 -0400  
From: John Wagner <john@neknetwork.com>  
To: MyGrapeVine@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80803] Re: Infrequent FAQ Reminder....Re: Serial number?  
Message-ID: <39DCED2C.E5E6C93F@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The QRP-L website at: <http://qrp.lehigh.edu/lists/qrp-l> has a page with some of the more common list commands (<http://qrp.lehigh.edu/lists/qrp-l/join.html>). There is also a link to a file available via ftp with all of the list commands. This link is: <ftp://qrp.lehigh.edu/pub/listserv/qrp-l/welcome.txt>

73,

John, KB1ENS  
QRP-L WebMaster

Mont Pierce wrote:

>  
> Is this html file also on the official qrp-l ftp site someplace?  
>  
> i.e. <ftp://ftp.lehigh.edu/pub/listserv/qrp-l/> and then where from here?

>  
> tnx,  
> km6wt  
>  
> ----- Original Message -----  
> From: Paul R. Valko <prvalko@oakland.edu>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: Thursday, October 05, 2000 7:43 AM  
> Subject: Infrequent FAQ Reminder....Re: Serial number?  
>  
> >  
> > On Thu, 5 Oct 2000, Tom Dufresne wrote:  
> >  
> > > What is this "serial number" I've been seeing reading about in QRP? How can  
> > > I get one? Why do I need one?  
> >  
> > QRP-L Help Files are available at:  
> >  
> > <http://www.oakland.edu/~prvalko/qrp1c.htm>  
> >  
> > 73! =paul= W8KC  
> > Collector of Ten\*Tecs and other fine plastics.  
> > Visit the Virtual Ten\*Tec Museum at:  
> > <<http://www.acs.oakland.edu/~prvalko>>  
> >

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Thu, 5 Oct 2000 17:16:03 -0400  
From: "Charles Mabbott" <[crmabbott@mediaone.net](mailto:crmabbott@mediaone.net)>  
To: <[n1bq@wulfdcn.org](mailto:n1bq@wulfdcn.org)>, "'Low Power Amateur Radio Discussion'" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [80804] RE: SG-2020  
Message-ID: <001c01c02f11\$77f888a0\$0201a8c0@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Brian and Group!  
Here is the web page!

<http://www.sgcworld.com/2020/>

Here is a friends web page where I have written some of my experiences

<http://www.qsl.net/n6bvz/2020.htm>

I also used it in field day this year running from a battery and had a great time. Our Section manager [NTS] uses one portable and it does FB.

I hope this helps, I have no regrets with having mine and I looked at a bunch

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Brian B. Riley, N1BQ

Sent: Thursday, October 05, 2000 5:04 PM

To: Low Power Amateur Radio Discussion

Subject: SG-2020

I am looking to buy an all band HF rig soon ... Between my interest in not totally busting my piggy bank and in QRP I have been looking at the SG-2020. I really only know about it from the ad in the HRO catalog ... is there a website anywhere I can find info and I think there was a Q-Street (I couldn't resist!) article some months ago. I am not sure if a discussion of the rig is appropriate on the list but I would really appreciate hearing from anyone who has experience with the rig.

thanks all, 73 de brian, n1bq

-----  
Date: Thu, 5 Oct 2000 15:50:12 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: N0BN@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [80805] Re: SMK Mobile: fait accompli

Message-ID: <Pine.LNX.4.10.10010051542360.783-100000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Daniel, I haven't even started my SMK kit but am thinking about a High Power Amp for it. I have some experience using the new amp transistors and when I get the right toroid coil forms I will make a 5 watt amp. The transistor I used in my Argonat has 13 db gain so .35 watts of drive is too much power. I expect there will be losses...:-)

|                                                                       |                               |
|-----------------------------------------------------------------------|-------------------------------|
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a> | Baltimore's Home Page         |
| <a href="http://www.baltimorehon.com">http://www.baltimorehon.com</a> | Home of the Baltimore Lexicon |
| <a href="http://www.min.net/~thom/">http://www.min.net/~thom/</a>     | QRP and Drake Mail List Pages |

Date: Thu, 5 Oct 2000 23:09:37 +0100  
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>  
To: qrp-1@Lehigh.EDU  
Message-ID: <95509081DF6CD411B2C700D0B7848012796EA9@Mohawk.luke.af.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Solar Weather

This website has good solar wx info. Can also be animated, shows interesting readings over the last 12 hrs.

<http://www.sec.noaa.gov/SWN/index.html>

72,  
de Mike, N4VBV

-----  
Date: Thu, 5 Oct 2000 15:13:35 -0700  
From: "Bryan Lowe" <classics@classics.nu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [80808] Seattle PIXIE2 QSO please?  
Message-ID: <001f01c02f19\$836e36a0\$55cafdce@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Been inactive ham for most of more than 20 years... but dipping big toe back in with QRP. Built a Pixie from Halted on 3686. I know... toy radio... but fun so far. I have made temp antenna... will build better one this weekend I hope. Anyone in Seattle willing to help me give it a try in a QSO.. and listen for me at some evening hour? I am in North Seattle... and given antenna that may be my range!

Thinking of SW or SST on 0 or 30 as next rig.. and a St. Louis vertical. If you have strong thoughts I would love to hear them.

By the way... Northern Lights were great last night up here.

Email is king@classics.nu

WB7NXC

Bryan

Thanks.

-----  
Date: Thu, 5 Oct 2000 18:44:09 -0400  
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [80809] SG-2020 responses  
Message-ID: <LPBBJAGIPFHKPJENAKLOIEBJCKAA.n1bq@wulfden.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In the interim since I made the request. I tracked down the Q-Street review, the CQ Review, the Nuts and Volts Review and several others. They led me to SGCs website where I downloaded the manual. About a dozen QRP-Lers emailed me with various info especially JWL who pointed me at an SG owners website with a ton of stuff ... I am overwhelmed at the volume and rapidity of response ... its wonderful ... but ... now ... just one itty-bitty request ... ENUF WITH THE K-2 EVANGELISM already! I really do appreciate all the responses and I am more than well aware of the virtues of the K-2 ... sheesh ... answer me one question .. do you guys get a kickback or a free option board for every K-2 sale you drum up????? <evil grin>

73 de brian

--  
N1BQ-3 @ 44 31.73N 072 51.55W  
WideN-N digi and weather station in Underhill Center, VT  
mailto:n1bq@wulfden.org  
AMSAT LM-1418      NJQRP #274      QRP-L #2276

-----  
Date: Thu, 5 Oct 2000 15:48:37 -0700 (PDT)  
From: Steve Yates <aa5tb@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [80810] Re: SG-2020  
Message-ID: <20001005224837.14126.qmail@web3001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Brian,

Here is another maybe useful site:

SG Club International

<http://www.qsl.net/sgci/>

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

[aa5tb@arrl.net](mailto:aa5tb@arrl.net)

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Do You Yahoo!?

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<http://photos.yahoo.com/>  
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End of QRP-L Digest 1965

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